No two specimens are perfectly alike.

The characters insisted upon by Dr. Strauch as distinguishing E. Iheringii from E. lemniscatus are the following: -In the latter the snout is narrower and three black bands run along the back, the outer ones being separated from the black colour of the ventral shields. In the former the snout is remarkably broad and rounded, and the head is much depressed and even longitudinally grooved on its upper surface; the median black dorsal band is absent, and the black of the ventrals extends to the flanks. Now we may take specimens b and f (so lettered also on the Plate) as the extreme forms, representing E. lemniscatus and E. Iheringii respectively; however, in the latter the head is neither so strongly depressed as observed by Dr. Strauch, nor longitudinally grooved. The differences between these two specimens are considerable, but are bridged over by the others specimen a with the typical coloration and the broad rounded snout; e with the black vertebral band, but without the light band separating the ventrals from the latero-dorsal ones; q lacking the former, and with distinct indication of the latter. To another variety, not noticed before, belongs specimen h; the scales between the black dorsal bands are not yellowish (or red), but greyish brown, each with a small crescentic black marking, and the light collar is absent.

In concluding I must also remark that there is no more ground for separating *E. reticulatus* of Peters from *E. lemniscatus*. The type specimen of the latter species, described by Duméril, must be anomalous if really possessing a simple anal, for all the eight specimens in the British Museum, as well as those examined by Jan, have that shield divided.

XXVII.—Report on the Testaccous Mollusca obtained during a Dredging-excursion in the Gulf of Suez in the Months of February and March 1869. By Robert Macandrew.—Republished, with Additions and Corrections, by Alfred Hands Cooke, M.A., Curator in Zoology, Museum of Zoology and Comparative Anatomy, Cambridge.—Part I.

THE following Catalogue is a revision of the above "Report," which appeared in the Ann. & Mag. Nat. Hist. for December 1870. In 1873 Mr. MacAndrew died, bequeathing all his collections to the University of Cambridge, and it has fallen to my lot to work through and arrange them. I have been induced to pay particular attention to these Suez shells, which have always been kept in drawers quite by themselves, because

an opportunity so seldom occurs of investigating a collection made by a skilled collector, which undoubtedly is derived from the locality specified, and from that locality only. The problem of the geographical distribution of the Mollusca will never even approach solution until we have a number of such collections as this to supply us with adequate data to work

The geographical affinities of the Suez shells have already been remarked upon by Mr. MacAndrew in his article.

Taking two genera only I find that

upon.

Of 19 species of Cypræa found at Suez,

9 are common to the Sandwich Islands;

6 ,, ,, Japan; 8 ,, ,, Australia;

5 ", Natal.

Of 7 species of Triton found at Suez,

2 are common to the Sandwich Islands;

2 ,, Japan; 1 is ,, Australia.

But I hope to deal more fully with the distribution of the

species at the end of this article.

The localities that I have added are in every case drawn from authentic sources, either from the 'Proceedings of the Zoological Society,' the 'Annals and Magazine of Natural History,' various other scientific publications, or from private sources of information on which I can rely.

Words placed within square brackets are additions to or

corrections of the original article.

	324	Mr. A. H. Cooke o	n Lestaveo	us Mottuse	'(l		
Remarks.	Strombus tricornis, Mart Low water; frequent at Philippines, W. Indies doubtless arises from Suez. Suez. Suez. Suez.	Australia, Zanzibar, Persian Gulf. Unquestionably a somewhat large form of Australia, Zanzibar, Philippines, E. columba, Lam., a very variable species, Indies generally.] Whose metropolis is in the Eart-Indian Ocean. Specimens before me from Zanzibar are absolutely identical with those here named deforms, except in point of size. Issel gives columba as an inhabitant of the Red Sea, but makes no mention of deforms. Add to synonymy Stransomi, Reve.	- elegans, Souch. [den-six specimens; 3-10 fath., Philippines. [Mauritins, Seychelles, Identical with denduts, L., and rugosas, tatus, L.]. Jubal Is. N. Australia.] N. Australia.] Lengthes, Identical with denduts, L., and rugosas, towns, another variable species, the variations Iving mainly in the more or less turreted spine and the prolongation of the longitudinal ribs over the body-whorl.	The operculum is remarkably large and toothed. The opercula of the larger Strombiat Panama (galea, perurianus) are the favourite home of a species of Crepidula.		Reeve doubts the localities Red Sea and Indian Ocean, given by Deshayes. Issel confirms MacAndrew, giving it from the	Your of Araba. Probably nothing more than a small variety of dentatus, L., in which the longitudinal
Distribution.	Philippines, W. Indies? [The habitat W. Indies doubtless arises from a confusion with bituberculatus,	Jam., Australia, Zanzibar, Persian Gulf. [Mauritius, Ceylon, Philippines, E. Indres generaliv.]	Philippines, [Maunitins, Seychelles, Ceylon, New Caledonia, Viti Is., N. Australia.]	Red Sea.	Very abundant on reefs at Philippine and Society Is. [Mauri- Ikas Mahommed. Rodriguez, Cargados, Ceylon, Rodriguez, Natal.]	N, Australia.	Red Sea.
Station.	Low water; frequent at Suez.	dead:	Six specimens; 3–10 fath., Jubal Is.	One specimen, living, Jubal Red Sea. 1s.; dead on shore at Suez, &c.	Very abundant on reefs at Ras Mahommed.	Three specimens, Jubal Is. N. Australia.	Rüppellii, Reeve [den- $ $ Two specimens, Jubal Is. $ $ Red Seaatus, L , var.].
Shell.	Strombus tricornis, Mart	deformis, Gray [co-Three specimens, Jumba, Lam.]. Jubul Is.	elegans, Sowb. [dentatus, L.].	fasciatus, Born	gibberulus, L.	fusiformis, Souch	

	ootternete in	i ine duly by L) ll & 2 .	929
Sowb Two specimens, Jubal Is. Frequent, Jubal Is. Not rare at 4 fath., Tur and Society Is. Late a Late A. Not rare at 4 fath., Tur and Society Is. Late A. Not rare at 4 fath., Tur and Society Is. Late A. Not rare at 4 fath., Tur and Society Is. Late A. Not rare at 4 fath., Tur and Society Is. Late A. Not rare at 4 fath, Tur and Society Is.		A fine series, showing the gradual develop- ment of the spines both in number and sharpness. Two specimens of a white variety are in-	Not in the printed list, but no doubt one of the "six species, undetermined; one specimen of each." The present is certainly not pleurofomorides, Reeve; its bad	Viti Given as Candaraus; in the Brit. Mus. it is placed under Crosapin.; Tryon groups it with Ocinebra. The identification with Reeve's Murex contractus is undoubted.
Philippines. [New Caledonia.] Philippines. [Mauritius, Seychelles, Cargados, Natal, Paumotus, Viti Es., Samoa, Rarotonga, Society Is.] Society Is. [Seychelles, Amirantes, Araya, Amazados, Amirantes, Amazados, Amirantes,	s [curviros- Not rare; dead on shore. Red Sea, Persian Gulf. subulatum, Four specimens, 12 fath., China and Sooloo Archipelago. [Indian Ocean, Moluccas, and S. Pacific, N.E. Australia, Japan.]	Frequent in sand at mode- rate depth. Frequent at low water. Ceylon, Persian Gulf. [Bourbon.] Shore to 10 fath.; only N. Australia. [Philippines.]		funicula. Not rare; shallow water, [New Caledonia, Philippines, Viti ontractus, Ras Mahommed. 18, Bombay, Japan.]
Two specimens, Jubal Is Frequent, Jubal Is	Curviros- Not rare; dead on shore. abulatum, Four specimens, 12 fath., sand, Straits of Jubal.	na, Lam. Frequent in sand at mode-Eastern seas Lam Frequent at low water. Coylon, Persian Souch Shore to 10 fadh.; only N. Australia.	young specimens hyung. Not rare; shore and shal- Eastern seas. low water.	Not rare; shallow water, Ras Mahommed.
—— terebellatus, —— floridus, La Harpago Sebæ, Pterocerus	Gmel.]. Gladius magnus tris, Lam.]. Terebellum	Murex crassispii [=tribulus, I	—— ramosus, Lam	——[Urosalpinx] funicula- tus, Reeve [contractus, Reeve.].
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	326 Mr. A	A. H. Cooke on Testad	ceous Mollusca
Remarks,	A fine series of eighteen, varying in length from 25 to 4 inches. A misidentification; they are only whitish specimens of marmoratus. [Natal, East Indies One specimen only, marfestly a var. of the common and variable trapezium, L.	Five specimens only are turritus; the sixth is quite distinct, and is possibly a worm specimen of putcher, Rueve.	A misidentification; virgatum varies considerably in the number and breadth of the ribs. Should not Hos be neuter? Tryon is perhaps correct in regarding coround as a synonym of tiarula, Kien. Written on the cards (also in Issel, Tryon, Reve, &c.) pulla, wrongly. Jinneus, in the 'Systema Naturey' described the shell as Buccinum pullus, pullus being a substantive, and meaning the young of an animal. If he had meant to use the adjective pullus, brown, he would have called it Buccinum pullum. But this Nassa is not brown any more than our common English Phasianella is.
Distribution.	1 0° 0° 1	Philippines. [Bourbon.] [Philippines.] Philippines. Moluceas, &c Indian Ocean, Ceylon. [Natal.] Red Sea. [Indian Ocean, Japan,	Polynesia, Natal.] Philippines, Moluccas. Philippines. Philippines. [Bourbon.]
Station.	Fusus marmoratus, Ph Suez: common at low Australia (J. water. — polygonoides, Lam Tur and Jubal Is., abun- Eastern seas. — strigatus, Ph Low water, two specimens. — moratus, Ph.]. Fasciolaria Audouini [Jo- Dead on shore, Ras Ma- Red Sea. nows] [trapezium, L.]. honnued.	Six specimens, Ras Mahommed. [One specimen, with the above.] Dead: rare, Ras Mahommed. Abundant on reefs. Abundant at low water. Two specimens, Ras Ma-	Phos roseatus, Hinds, var. Two specimens; 5 fath., Philippines, Moluccas. sand, Jubal Is. Nassa coronula, A. Ad Frequent; shore to 5 fath., Philippines. Straits of Jubal, &c. Dullus, L
Shell,	Fusus marmoratus, Ph Suez : con water. — polygonoides, Lam Tur and dant at lamoratus, Ph. [mar-Low water moratus, Ph.]. Fasciolaria Audouini [Jo-Dead on mas] [trapezium, L.].	Latirus turritus, Gmel Six specimens, Ras. I hommed. — [pulcher, Reeve]. [One specimen, with above.] above.] — polygonus, Gmel Dead: rare, Ras Maho, med. Vasum cornigerum, L Abundant on reefs. Cassidulus [Melongena] Abundant at low water. paradistacus, Reeve. Cantharus rubiginosus, Two specimens, Ras I	Reeve. Phos rosentus, Hinds, var. [virgatum, Hinds]. Nassa coronula, A. Ad — pullus, L

Specifically identical with Bronni, Ph.=coronata, Brug. Two good specimens. Another card (not labelled) contains what are probably two very young forms of the same.	A misidentification; the shells are only a young form of the preceding species. Carpenter (P. Z. S. 1865, p. 516) has united unifusciuta, Pease, with paupera, Gould = plebecula, Gould.	Columbella flavida, Sowb. Not rare; Tur and Jubal [Ceylon, Bourbon, Mauritius, Philip- Thirty-four specimens in all, of various sizes. [Lam.]. Poscila, Sowb Frequent, Tur; sand, shal- Philippines. — spectrum, Reeve [pox- Moderate, Tur; sand. Philippines. The specimens given as belonging to these two species cannot be thus divided; they all belong to the same species, those given to species, those given to species and texture of the shape and texture of the shell is in each case identical. The identity of the two species is a different
- Rumphii, Desh Two specimens; Straits of Philippines. Jubal, &c. Jubal, &c. Philippines. [Formosa, Japan.] of Jubal, &c. Policostata, A. Ad One, dead; shore, Straits of Persian Gulf, Philippines.	 Kieneri, Desh. Frequent: shore to 5 fath., Réunion. [Singapore, Polynesia.] Straits of Jubal. One specimen; 5 fath., Philippines. Straits of Jubal. pulchella, A. Ad Rave; 5 fath., Straits of Philippines. [Cape of Good Hope, Jubal. *sinusigera, A. Ad.]. *sinusigera, A. Ad., [Thirteen specimens.] *var. 	[Ceylon, Bourbon, Mauritius, Philip- pines, Japan.] Philippines. Philippines.
——Rumphii, Desh Two specimens; Straits of Philippines. Jubal, &c. — gemmulata, Lam Rare, dead; 5 fath., Straits Philippines. [Formosa, Jof Jubal, &c. — nodicostata, A. Ad One, dead; shore, Straits of Persian Gulf, Philippines.	Kieneri, Desh Frequent; shore to 5 fath., Straits of Jubal. lensigranata, A. Ad One specimen; 5 fath., Straits of Jubal. Straits of Jubal. *unifasciata, Pease [Nine specimens.] ulchella, A. Ad.]. *sinusigera, A. Ad., [Thirteen specimens.]	Columbella flavida, Soub. Not rane; Tur and Jubal [Ceylon, Boull Lann.]. [Lann.]. - pecila, Soub Frequent, Tur; sand, shal-philippines. low water. - spectrum, Reeve [pc] Moderate, Tur; sand. Philippines.
—— Rumphii, Desh —— gemmulata, Lam —— nodicostata, A. Ad.	— Kieneri, Desh	Columbella flavida, Soul [Lann.]. — pœcila, Sowb — spectrum, Reeve [pccila, Sowb.].

* Species thus labelled are added to the original list in MacAndrew's own handwriting.

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Remarks,	matter. Tryon (Manual Conch. iv. p. 110) regards them both as synonyms of varians, Sowb. The two specimens do not differ from favida, Lam. The five specimens appear to be only dead and rather worn specimens of the foregoing.	Mauritius, Moluccas, The specimens are merely old and rather worn forms, in which the yellowish ground-colonr of subulata has given place to dead white, and the purple-brown spots have changed to light orange. Indeed I doubt if the species, as a whole, will bear investigation. It appears to me to be simply a worn form of subulata, for the pricked striæ which Reeve describes as distinguishing it are equally found in that species.
Distribution,	Philippines. Philippines. [Natal, Bourbon.] Philippines. Philippinos. China.	Engina mendicaria, Lam Abundant at low water, Philippines. [Ceylon, Maucitius, Jubal Is. Terebridge. Acus crenulata, Lam Not rare. Red Sea. [Seychelles, Moluccas, ulata, L.]. Society Is., Japan.]
Station.	Columbella tringa, Lam. Rare, Jubal Is., 5 fath. Philippines. — turturina, Lam. — minima, Gask Abundant in 30-40 fath. — albina, Kren Rare, 5-10 fath. Straits of Philippines. — Lorspersa, Gask Frequent, 5-10 fath., Jubal Is. — baculus, Reeve [con- Rare, 5-10 fath., Jubal Is. — haculus, Reeve [con- Rare, 5-10 fath., Jubal Is. — *ornata, Pease Two specimens.	Abundant at low water, Jubal Is. Not rare. Not rare.
Shell.	Columbella tringa, Lam. Rare, Jubal Is., 5 fath. [flavida, Lam.]. — turturina, Lam. — minima, Gask Straits of Jubal. Straits of Jubal. Bare, 5-10 fath., Strait. Jubal. — baculus, Reeve [con-Rare, 5-10 fath., Jubal] spersa, Gask.]. Two specimens.	Engina mendicaria, Lam Jubal I. Terebridge. Acus crenulata, $Lam.$ Not rare. ulata, $L.$].

In all the specimens the ribs are so much	snarper and less numerous than in the ordinary type of duplicata, as almost to make one think that this is a distinct species. They are all young and undeveloped specimens, however.	This identification is exceedingly doubtful. The specimens are in the worst possible condition, the only distinguishable resemblance to ligada being that in one of them a few sonare snots of colour can be de-	The species has no connexion whatever with corregate, and appears to ne to be new. T. castigate, n. sp.—Shell acuminate, sometimes slightly afstorted, strongly corded at the sutures, marked with numerous distant longitudinal ribs, the intervals between which are smooth; ribs broad and rounded, becoming sharply evaneetent at the centre of the body-whorl, and nodulous on the sutural condings; colour fulvous-brown, streaked and spotted, especially on the cordings, with darker dashes of colour; aperture wide; columella thickened. Length 6875 in, breadth 1875 in.	
China, Indian Ocean, E. Africa.	- maculata, Lam On shore, in bad cendition. Philippine and Society Is., Australia. Moluceas, Persian Gulf, &c. [Bourbon.] Pon.] Red See., Antholia Ininds Two specimens. Antholia Antholia	China, Sandwich Is. Philippines, Marquesas. China seas. Marquesas.	Philippines, Scychelle Is., &c. Tahiti. West Africa, California.	
	On shore, in bad condition Two specimens.		al Lè	And the second second the manufacture of determining of the second secon
duplicata, Lam Frequent.	— naculata, Lam — nimbosa, Hinds	Terebra babylonia, Lam — cingulifera, Lam — lima, Desh. — ligata, Hinds	affinis, Gray Frequent, Jubal Is columellaris, Hinds One specimen, Jub tigata, Cooke].	

	good eeve. Rici- o be nens Is of	thon in the lead the lead the lead	nust s he) to	list	ards nole, was
Remarks.	A misidentification. The shells (four good specimens) are Sistrum spectrum, Beeve. That author (Conch. Icon. vol. iii. Ricinul, sp. 19) says the shell "appears to be naturally colourless." These specimens are corded with four or five thin bands of red-brown between each row of tubercles.	Given as a Norrum; but the determination as now made is unquestionable. I have series before me which trace the varietal development from the type of bituberacturis, whose metropolis is the Malay peninsula, while the variety, which is always largely and strongly tubercled, is from the Fast-Indian Ocean, Persian Gulf, and Red Sea.	Pentadactylus albolabris, Two specimens, shallow Philippines, &c. [Benguela, Natal, Even Reeve suggested that albolabris must Blaine. [Ricinula rici-water, Ras Mahommed. Ceylon, Moluccas, Japan, Polybea a form of ricinus; but why does he nesia, New Zealand.] ——archnoides, Lam. [= Several; shore, dead, Ras	Amonomical. Two specimens; dead, Ras Seychelles. Mahommed. One specimen, from dealer Philippines. [Ceylon, Mauritius, E. The species is mentioned in Issel's list at Suez. One specimen; dead, Ras Lord Hood's Is., Natal. [Polynesia.] One specimen; dead, Ras Lord Hood's Is., Natal. [Polynesia.]	Unquestionably identical, both as regards these specimens and the species as a whole, with spectrum, Reeve. The type was evidently described from a very worn specimen.
Distribution.	Singapore.	ked Sea. [Aden, Persian Gulf.]	Philippines, &c. [Benguela, Natal, Ceylon, Moluccas, Japan, Polynesia, New Zealand.]	Seychelles. Philippines. [Cevlon, Mauritius, E. Indies generally, Polynesia.] Lord Hood's Is., Natal. [Polynesia.]	
Station.	Purpura echinata, Blaine. Rare, shallow water, Straits Singapore. [Sistrum spectrum, of Jubal. Reeve].		tadactylus albolabris, Two specimens, shallow Blaine. [Ricinula ricinula ri		Reeve Several, Ras Mahommed.
Shell.	Purpura echinata, Blaine. [Sistrum spectrum, Reeve].	— Savignyi, Desh. [bi-tubercularis, Lam., var. Savignyi, Desh.].	Pentadactylus albolabris, Blaine. [Ricinula ricinus, L.]. — arachnoides, Lam. [=	menns, <i>L.</i> — digitata, <i>Lam.</i> — horrida, <i>Lam.</i> Sistrum anaxares, <i>D'Orb.</i>	dealbatum, Reeve [spectrum, Reeve].

This species again must be merged in spec- from, Reeve, of which it is a less-deve- load from diffusing only in the	colour of the aperture, which, however, is distinctly recognizable in several of the shells above labelled Purpura eclimata. As there seems to be some doubt about the certainty of the identification with Blainville's colvostoma, it would be better that Reeve's name should supplant his, and not vice versá.	White; interior red, instead of purple.	I cannot agree with Tryon in making this a mere var. of ochrostoma (=spectrum). The general turreted appearance, deep suture, abundant colouring, &c. are distinguishing features. Reeve (Conch. Icon.) reports the type as having been collected	at Panama by Cuming; but this seems extremely unlikely. I have collected at Panama myself without finding it. The identity of this species with sertum is now well established.
Philippines. [Ceylon, Seychelles, Mauritius, Polynesia.] Philippines. [Polynesia.]		spectrum, Reeve One specimen. spectrum, Reeve Not rare; on reefs, Suez to Philippines. [Polynesia, Natal.] Ras Mahommed. Tur to Pacific Islands. [Aden, Ceylon, Andamans, Polynesia, Japan, Port	Jackson, Natal.] hilippines. [Natal.] Natal.]	One specimen, young; Ras [Red Sea, Ceylon, Singapore, Mauri-Mahonmed. Not unfrequent; dead on Anaa, Pacific.
		One specimen. Not rare; on reefs, Suez to Philippines. [Polynesia, Natal.] Ras Mahommed. Ros Mahommed. Andamans, Polynesia, Japan, H.	Not rare; shallow water, P Straits of Jubal. [Seven living specimens.]	as sertum, Brug One specimen, young; Ras [Red Sea, Cey Mahonmed. — situla, Reeve [=ser-Not unfrequent; dead on Anaa, Pacific, tum, Brug.].
Chrysostoma, Desh. Three specimens. [Reeve']. ochrostoma, Reeve Three specimens.		—— spectrum, Reeve One specimen. —— fiscellum, Chemn Ras Mahonn —— var	—— asperum, Lann —— *heptagonale, Reere.	Iopas sertum, Brug situla, Reeve [=sertum, Brug.].

	332	Mr.	A. 11. Cooke on	1 estaceous Mottusca	
Remarks.	[Uhina, Japan.] [Two very worn specimens.	One bad specimen only, certainly not galea, but identical with the preceding. Five specimens on the card, of which only three are exercite; the remaining two are very worn; one may be Sistrem spectrum,	the other is uncommonly like a very young Strombus tricornis! A fine series of twenty-five. No specimens occur in the collection.		Saw a specimen in hands of Eastern seas. [Samoa Is., Paumotus, It apparently remained in the hands of the fishermen, for it is not in the collection.] The occurrence of the species requires confirmation; it is not in Issel's list.
Distribution.	Eastern seas. [China, Japan.] Philippines. [Polynesia, Australia.]	Philippines.	Eastern seas. [Tasmania, Japan.] [Mauritius.] Mauritius.	Bhore, dead; not rare at Philippines. [Bourbon.] Reefs, rare. Shore, dead; frequent at Pacific Ocean, & C. Isas Mahommed. One specimen living, one Red Sea. One specimen, dead; Ras Mahommed. Mahommed.	Eastern seas. [Samon Is., Paumotus, Japan, St. Helena.]
Station.		ts of Ju-	whepore Mahom-	Shore, dead; not rare at Philippines. Reefs, rare. Shore, dead; frequent at Pacific Oceans. Ras Mahommed. One specimen living, one Red Sea. dead; Ras Mahommed. One specimen, dead; Ras Manritius, [I Mahommed.	Saw a specimen in hands of fishermen.
Shell.	a a	gales, Chemn. [costu-] Shore, dead; rare, laris, Blaine.]. — exarata, Pease Rare; shore, Straibal.	— madveporianus, A. Ad. Frequent, on coral. [madreporarum, Sond.]. Magilus antiquus, Montf. [Common in old mi [Lam.]. Leptoconclus Lamarckii, In madrepore, Ras. Desk.	RANELLIDÆ. Ranella bufonia, Bolt — hians, Schum — affinis, Brod — concinna, Ph Terrowre &	Triton tritonis, L

		ootan	neu in i	ne Guij	rofs	uez.		Э	33
Whether agratus is or is not distinct from trilineatus, there is no doubt that this, a young specimen, is identical with the two shells, named trilineatus, that follow.		Unquestionably specifically identical with pilearis, but generally of a lighter colour.		This is nothing but a young and much- broken specimen of tritonis, the break having been such as to make the canal	appear very long. I thus identify one of the young and undetermined shells.				
China.	— rubecula, L Two specimens, Jubal Is. rally, to Sandwich Is.] —— pilearis, Lam One specimen, young; Tur. Philippines [Natal, Eastern seas generally, Japan, N. Australia, W. Indies, Florida, west coast C. Amelindies, Florida, Flo	rea. Philippines, &c. Philippines, &c.	Philippines, Persian Gulf, Philippines.			[Philippines, Marquesas, Sandwich Is.]	Pacific,	Ceylon, Philippines, &c.	Society and Philippine Is. &c. [Bourbon.]
[tri-] One specimen, shore, Ras China. Mahommed.	— rubecula, L Two specimens, Jubal Is. — pilearis, Lam One specimen, young; Tur.	aris, Lenn, var.]. Aglinago, Reere [pile-Two specimens, dead; Ras Philippines, &c. aris, Lenn, var.]. Three specimens, dead; Ras Philippines, &c. Mahommed.	Two specimens, dead; Ras Philippines, Persian Gulf. Mahommed. One specimen, young; Ju- Philippines.	One young specimen.]		Four specimens, Ras Ma- [Philippines, Marquesas, hommed. Three specimens, Ras Ma-	nommed. One specimen, young; Ju- Pacific, balls.	Shore, dead: frequent at Ceylon, Philippines, &c. Ras Mahommed and Jubal Is.	
—— ægrotus, Reeve [tri-lineatus, Reeve].	—— rubecula, L	aris, Lanc, var.]. —gallinago, Reeve [pile-gallinago, Reeve	—— trilineatus, Reeve		[clavator, Lam.]	Epidromus bracteatus, Hinds. lativaricosus, Reeve	—— Sowerbii, Reeve	Distortio anus, L	DOLITDÆ. Cadium [Malea] pomum, L. Rare, Ras Mahommed.

	334 Mr	. A. H. C	Cooke on Te	estaceous Mole	lusca	
Remarks.	[Bourbon, Eastern The species cannot possibly stand, even as Japan.]		The four specimens appear to me much more like elegans, Lam.	Only a white form of the shell denoted erassa. Quite undistinguishable from the shells labelled crassa.	Doceand of Process Money Cond.	fath, Jubal Is. [filosa, Five specimens; sand at Sandwich Is. [Mauritius, Philip- There is only one specimen in the collection; pura, Ads., is merely a white or
Distribution.	New Holland. [Bourbon, Eastern seas generally, Japan.]	Harpa erassa, Ph. [minor, Not unfrequent on shore at Red Sea. [Natal, Bourbon.] Lam. J. bal Is.	Persian Gulf, &c. Red Sea.	Red Sea. Red Sea. Red Sea, Persian Gulf.	Red Sea.	Sandwich Is. [Mauritius, Philip- pines, Polynesia.]
Station.	Semieassis [Cassis] tor-Shore, dead; Ras Mahom-New Holland, quata, Reeve [vibex, L.] nned. sens generally, ribex, L Ras Mahommed.	Not unfrequent on shore at Ras Mahommed and Jubal Is.	OLIVIDÆ. Daetylus [Oliva] inflata, land. Ancilla crassa, Sow. [An-Sand at low water; fre-Red Sea. quent.	Limeolata, A. Ad Sand at low water; rare. Red Sea. momea, Lam.]. - striolata, Sowb. [cin- Sand at low water; fre- Red Sea, Persian Gulf. amonomea, Lam.].	Frequent, dead on shore at Red Sea. Suez; one living, 5 fath., sand, Jubal Is.	Five specimens; sand at Sandwick fath, Jubal Is.
Shell.	CASSIDÆ. Semieassis [Cassis] tor-Shore, quata, Reeve [vibex, L. One spert of the state of the st	Harpa erassa, Ph. [minor, Lam.].	OLIVIDAE. Daetylus [Oliva] inflata, Lam. Ancilla crassa, Sow. [Ancilla crassa, cinnamomea,	Lan. J. Ad	MITRIDÆ. Mitra Bovei, Kien.	—— prenosa, neeve —— pura, A. Ad. [filosa, Born].

	obtaine	d in the Gulf of Suez.	335
amoena, A. Ad. [an-One specimen; sand at 5 [Ceylon, Philippines, New Caledonia, Revel.] Antonelli, Dohrn One specimen. Antonelli, Jubal Is. Antonelli, Johrn Cobeliscus, Revel. Antonelli, Jevel. An	hitherto labelled. Printed as fragra (sic), Quoy, but corrected in MacAndrew's own handwriting. Tryon clearly shows the identity of plantirratu and Solandri, the type of the latter being an old and worn shell.	identical with the specimen labelled Pha- raonis, Issel. The two species are quite distinct, and this Wisemanni therefore is wrong. It should be pointed out. as against Tryon (Manual, vol. iv. p. 181), that (1) M. Pharaonis, Issel, is not a synonym of cadaverosa, Reeve, to which it has not the slightest resemblance; (2) the M. Pharaonis he refers to as of Issel should be of Géné, and is so given by Issel himself (Malac. del Mar. Rosso, p. 119); (3) the species is not a fossil one, as he says (hastily taking the name from Issel's list of Red-Sea shells found subfossil), but occurs in a recent state in the Gulf of Asha (Issel, at sourd).	The shell appears to be a Thala, but is too worn for identification. These specimens are no longer in the collection. Ton. One, however, is in the British Museum, and = umbonda, Sowb.
[Ceylon, Philippines, New Caledonia, Polynesia.] [Andaman Is., Philippines, Viti Is., Japan.]	Philippines. [Ceylon, Polynesia.] Red Sea.	Sandwich 1s,	
One specimen; sand at 5 fath., Jubal Is. One specimen.	One specimen. One specimen.	Dohm . One specimen.	Pharaonis, Issel [Géné] One specimen. Volutomitra? sp.] One specimen. Turricula osiridis, Issel Four specimens, Jubal Is. Has a broad brown or black band.
—— amœna, A. Ad. [an- nulata, Reeve]. —— Antonelli, Dohrn [obeliscus, Reeve].	— cucumerina, Lam. — planilirata, Reeve [= Solandri, Reeve].	— Wisemanni?, Dohrm.	Turricula osiridis, Issel

	336	Mr. A. I	1. Cooke o	n Testaceous	Mollusca	
. Remarks.	Tryon, I think rightly, considers this a synonym of the variable mucrometa, Swains, which, as the next name shows, occurs in the Red Sea. Sandwich Is, [Polynesia.]	A misidentification. The Shell is rather worn, but easily recognizable as the variable unroduta (=croata, Lam, +concinu, Reeve+remstud, Reeve). Very close to mucronata, Swains, Tryon,	Adams has written on the back of the eard, "Much worn; can't be certain." Tryon regards turricula as var. of militaris, Reeve. To me the shell looks more like a worn	Though labelled at the back by Adams, the shell does not in the least agree with Reeve's description of lucida; it is not so produced at the base, not "transversely most elegantly ribbed," while the columnst	mella is not five- but four-plaited. The type specimen, given by MacAndrew, is in the British Museum; no specimen is found in this collection. The name being preoccupied (see above) I would suggest its being changed to Mucandrew.	
Distribution.	Sandwich Is, [Polynesia.]	Darbadoes. [L'intippines, l'olynesia.]				[Indian Ocean, Mauritius, New Caledonia, Polynesia.]
Station,	A. Ad. Three specimens. cains. J. One specimen.	A. Ad. Two specimens.	Ad. ? [One specimen.]	[One specimen.]		, One specimen.
Shell.	Turricula echinata, A. Ad. Three specime [=mucronata, Swains.]. mucronata, Swains One specimen.	ž.,	#turricula, A. Ad. P.		*Pharaonis, II. Ad	—— fidicula, Gid. [alauda, One specimen. Soutb.].

			ooittin	eu in	the G	ay oj	Due.		001
	Tryon states (Manual, vol. iv. p. 184) that Reeve's figure of pardalis is a Columbella. I may as well mention, to show the value of such rash assertions, that it corresponds with these two specimens (unquestionably rightly named) in every parficular.	The sincle specimen does not differ from pardalis.	A complete misidentification; but to name the shells correctly is not so easy. They are very near to fuscoapicata, E. A. Smith Theory has the silvest the strength of the shell of the shel	are fewer and angulated, not round. Undoubtedly young specimens of Solandri,	The name cannot stand, as there is a casta of Lamarck. Sowerby (Thes. Conch. figs.	020, 652) changed 16 to hastata. These shells are marked in Adams's hand "casta, var." They have not, however,	the least resemblance to casta, and appear to me to be new. I will therefore describe them under the name of Mitra pueritis:— Shell small, somewhat elongated; spire turreted, but not sharply; suture deepish:	strongly angled beneath the suture, longitudinally strongly ribbed; ribson the body-whorl ten, rounded, crossed by well-marked rather distant transverse lines	which are coloured on the tops of the ribs; colour light flesh-tint with (in fresh specimens) a deeper broad band on the lower half of the body-whorl; columella four-plaited. Length 35 in, breadth 09 in.
[Java, Philippines, Polynesia, Mauritius, S. Africa.]									
[Java, Philippines		Philimnings	comditum		:				
One specimen.	Two specimens,	[One specimen.]	One specimen. Five specimens.	Two specimens.	Two specimens.	Seven specimens.			
hebræa, Lam. [=lit-One specimen. terata, Lam.].	pardalis, <i>Küster</i> Two specimens.	*leopardina, $Kiister$ [One specimen.] R_{long} R_{long} R_{long} R_{long}	glandiformis, Reeve Five specimens.	*Rüppellii, Reeve [So-	landri, Reeve]. ——casta, H. Ad. [has-Two specimens.	—— [puerilis, Cooke] Seven specimens.			

Remarks.	Described in P.Z. S., 1870, p. 788. The type is in the British Museum, and no specimens occur in this collection.	A misidentification; there is no sign of longitudinal wrinkles. I place the specimen (a bad one) with corrugata, Hinds, doubt-	fully.		Cypræa fimbriata, <i>Gmel.</i> Abundant on shore, dead; Japan. [Natal, N. and W. Australia.] C. neglecta, Sowb., appears to be identical. Zeite Point.		[All Polynesia; not No specimens in the collection.	A very worn shell, without any indications of colouring, but I think correctly identified.		Three other worn specimens are in the collection. The species is near to, but sufficiently distinct from, punctuda, L.
Distribution.		*Persian Gulf.	*Persian Gulf.		Japan. [Natal, N. and W. Australia.]	Pacific Ocean. [Sandwich Is. in-cluded.]	as.	Red Sea.	One specimen, in good conditions. [E. Indies generally, dition; Zeite Point.	
Station.		Sand, shore to 5 fath. Sand, shore to 5 fath. Sand, shore to 5 fath. One specimen.	Ringicula acuta, Ph Not rare; 5-10 fath., sand. *Persian Gulf.		Abundant on shore, dead; Zeite Point.	Not rare; reefs, Tur &c.	Not rare, dead.	erythræensis, Beck One specimen, dead; Zeite Red Sea. Point.	One specimen, in good condition; Zeite Point.	One specimen, in good condition; Zeite Point.
Shell.	Turricula[Antoniæ, H.Ad.] MARGINELLIDÆ.	Marginella pygmæa, Issel Sand, shore to 5 fath. ———————————————————————————————————	Ringicula acuta, Ph	CYPRÆIDÆ.	Cypræa fimbriata, Gmel	—— carneola, Lam	talpa, L Not rare, dead.	erythræensis, Beck	—— Isabella, L	—— Macandræi, Sowb

6	ocarnea in the Guy of Suez.
	A doubtful identification. The species appears new.
Eastern seas. [Natal, N. and W. Australia, Japan, Queensland, Caroline to Paumotu Is.] Eastern seas. [Natal, Queensland, Viit to Caroline Is., Tasmania, N. Zealand.] Pacific Ocean. [Japan, W. Africa, St. Helena.] Eastern seas. [Queensland, Caroline to Cook's Is., Japan.] Eastern seas. [Natal, Queensland, Polynesia to Sandwich Is., Japan.]	One specimen, dead; 4 fath., Ceylon. Jubal Is. Frequent, from fishermen. Frequent fishe
bica, L.]. — reticulata, Mart. [ara- Frequent, from fishermen. bica, L.]. — annulus, L. — annulus, L. — moneta, L. — caurica, L. — reviculata, Mart. [ara- Frequent, from fishermen, lastem seas. [Natal, Queensland, Viti to Caroline Is., Tasmania, N. Zealand.] — Recific Ocean. [Japan, W. Africa, Str. Helena.] Shore, dead. Str. Helena. [Queensland, Caroline Is., Japan.] Tur. Not rare; from fishermen, Eastem seas. [Queensland, Caroline Is., Japan.] Tur. Polynesia to Sandwich Is., Japan.]	——lentiginosa, Gray One specimen, dead; 4 fath., Ceylon. Jubal Is. Iyax, L

[To be continued.]